

EBox Series 1 Manual



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Welcome

Congratulations on purchasing an E-Stim Systems EBox™ Series 1. Given sufficient care your EBox™ Series 1 unit should give you many years of erotic electro-stimulated pleasure. Before starting always read the instructions and ensure you are completely familiar with all of the controls and the safety warnings prior to use.

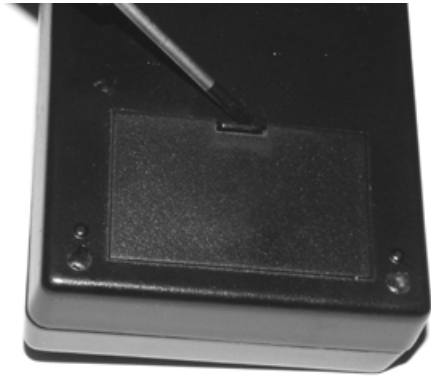
Key Features

- Switched mode voltage generation... no bulky transformers.
- Instant and simple control of output amplitude, pulse rate and pulse frequency.
- Pulsed burst, continuous or manual drive mode.
- Hours of fun from a single PP3 battery.
- Single channel dual output allows the use of unipolar and bipolar electrodes.
- Current limited AC output to ensure safety and avoid the possibility of electrode polarisation.
- Manual trigger – the unique 'FIRE' button.

SAFETY WARNING

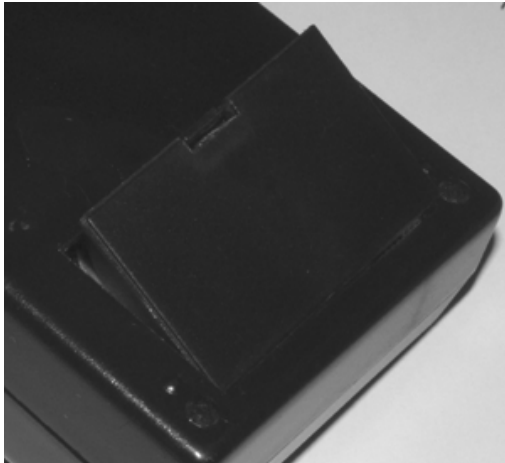
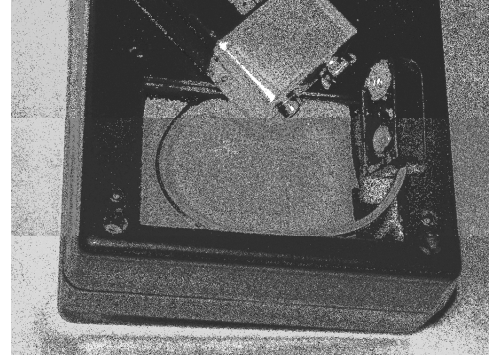
(DO NOT CONNECT THE E-Stim Systems EBox™ Series 1 UNIT OR ANY ELECTRICAL DEVICE TO ANY LOCATION ABOVE THE WAIST (ACROSS THE ARMS COUNTS AS ABOVE THE WAIST!), BUT ESPECIALLY DO NOT CONNECT ACROSS THE HEART, CHEST, NECK OR HEAD. DO NOT USE IF FITTED WITH A PACEMAKER OR ARE PREGNANT. REMEMBER YOU USE THIS DEVICE AT YOUR OWN RISK. YOU MUST READ AND UNDERSTAND THE USER MANUAL AND ALL OTHER INSTRUCTIONS BEFORE ATTEMPTING OPERATION.

Fitting a battery



inserted into the battery compartment slot, gently prise the battery compartment cover out.

- Ensure the unit is switched off, and any electrodes are disconnected.
- Turn the unit over and using a small screwdriver or a fingernail



- Remove the old battery (if fitted) and replace with a fresh Alkaline PP3. The battery connector is polarized so it should not be possible to connect the battery incorrectly, but ensure the polarity is correct before attempting connection.
- Place the battery into the unit and replace the battery compartment cover. The cover is fitted with two tabs which insert into the lower half of the case first,

and then the top half of the cover will clip into position.

- Turn the unit over. The unit is now ready for operation.
- Please note due to their low terminal voltage (7.2v-8.4v) we do NOT recommend the use of re-chargeable batteries in the EBox™ Series 1 unit, nor do we recommend the use of zinc carbon batteries due to their general poor performance.

In the event the EBox™ Series 1 unit is not being used for a period of time, remove the battery to avoid any potential damage from battery leakage.

Testing

Before use it is strongly recommended that the unit is tested to ascertain the basic functionality.

Set the Output Level Control to minimum, and the rotary Mode Selector Switch to 'Off'.

Turn the mode selection switch to the Pulse position. The Power LED should illuminate continuously and the Activity LED should flash. If the power LED does not illuminate then check the battery connections and replace the battery with a known good device. If the unit still fails to operate then email info@e-stim.co.uk for further instructions.

Turning the Pulse Rate control should cause the activity LED to flash at a rate between 1 and 6 times a second.

Switch the mode selector switch to Continuous. The activity LED should now illuminate continuously.

Switch the mode selector switch to Manual. The Activity LED should light when and only when the FIRE button is pressed.

Turn the unit off and connect a suitable electrode via one of the output jacks. Connect an electrode to a suitable section of the body. (DO NOT CONNECT THE EBox™ Series 1 UNIT OR ANY ELECTRICAL DEVICE TO ANY LOCATION ABOVE THE WAIST (ACROSS THE ARMS COUNTS AS ABOVE THE WAIST!), BUT ESPECIALLY DO NOT CONNECT ACROSS THE HEART, CHEST, NECK OR HEAD. DO NOT USE IF FITTED WITH A PACEMAKER OR ARE PREGNANT. REMEMBER YOU USE THIS DEVICE AT YOUR OWN RISK.

Turn the unit on and slowly turn the output level control up. You should feel a slight tingling sensation from the electrode site.

Experiment! Only with experience will you get the most out of your EBox™ Series 1. You will find that different modes and levels will give different sensations.

Always bear in mind the safety warnings.

Using the unit

- Always ensure all connections are secure and free from corrosion.
- Always ensure the output control is set to minimum before starting.

If your subject experiences any pain or discomfort then stop using immediately. If necessary use lubrication as any E-Stim device is potentially capable of causing burning when used on sensitive and or small contact areas at high output levels.

DO NOT SHORT CIRCUIT the output. Doing so may damage the unit.

DO NOT attempt to open the control box. High voltages are present during use and may still exist when the unit is switched off. There are no user serviceable parts inside. Opening the control box will invalidate your guarantee.

The connection cables will be come detached from the control box if pulled. This is a safety feature as disconnection will result in the voltage being removed from the electrodes. If you find this to be a problem during play, then we suggest you use slightly longer cables.

User Controls

Overview



The EBox™ Series 1 unit has five user controls. Each control allows the user to adjust a particular aspect of the output. It is the operation of the controls in combination that will allow the user to provide an effective electro-stimulation session.

The controls are

- Mode selector switch
- Output level control
- Pulse feel adjustment
- Pulse rate adjustment
- Fire button

Output Level Control

Controls the absolute level of the output. Remember that the output is also dependent on the resistance of the contact points, the level of charge in the battery, and a number of other factors.

Pulse Feel Control

Controls the period of each individual micro pulse. Active in all modes. The adjustment range is around 3 to 14 hundreds of a second. Has been described as varying the feel from 'soft' to 'spiky'.

Pulse Rate Control

Controls the rate of the pulses in the pulse mode. Has no effect on the output in Manual or Continuous modes. Adjustment range is around 1 to 6 pulses per second.

Fire Button

Controls the output when the mode selector switch is in manual mode. Because the subject does not grow accustomed to the stimulation generated by the unit, as they commonly do with the pulse and continuous modes, the effect of the manual fire button is much more pronounced. The output is active for as long as the fire button is depressed.

Mode selector switch

Controls the operational mode of the control box. The mode selector switch has four positions.

Off

The unit is powered off. The battery may be removed.

Pulse Mode

The output is a series of bursts of pulses, the duration of each burst is controlled by the pulse rate control, whilst the period of each micro pulse within the burst is controlled by the Pulse period control.

Continuous Mode

The output is a continuous flow of micro pulses, the duration of each individual micro pulse is controlled by the pulse period control.

Manual

Allows the operation of the manual fire button. The fire button is only active in this mode.

Outputs

Connection to electrodes is via either two 3.5mm mono jack sockets on the top of the unit. Ensure the unit is switched off before inserting or removing the connector to eliminate the possibility of either inadvertent electric shocks or short circuits occurring. The two output sockets are wired in parallel and are not isolated from each other.

Accessories

The E-Stim Systems EBox™ Series 1 is normally supplied with a 1.5M connection cable fitted with a 3.5mm jack on one end and two 2mm plugs on the other.

Other accessories are available. For more information visit our website and our online shop at <http://www.e-stim.co.uk>

Additional Notes

Storage

In the event that the E-Stim Systems EBox™ Series 1 unit is not going to be used for a period of time always remove the battery to avoid any possibility of damage being caused by battery leakage.

Cleaning

Do NOT use solvents to clean the EBox™ Series 1. A gentle wipe with a soft cloth should be sufficient. It is not possible to sterilise the control unit.

Specifications

Channels/ Outputs	Single Channel, Dual mono 3.5mm sockets.
Display	High Brightness Light Emitting Diodes indicating Activity and Power On.
Operating Modes	3 - Pulse, Continuous and Manual
Controls	Mode Selector, Output Level, Pulse Feel, Pulse Rate, Manual Trigger (Fire)
Output Waveform	Asymmetrical pulsed AC
Micro Pulse Width	Variable 3mS to 14mS
Burst Pulse frequency	1 - 6 Hz
Power Supply	Standard 9 Volt Alkaline (PP3)
Battery Life	Variable dependent on load, but estimated at around 4 days with continuous use.
Dimensions (approx.)	145mm x 80mm x 50mm
Weight (with battery)	250g
Supplied Accessories	1 off 3.5mm to 2 mm output cable, 4 off Self Adhesive Gel Pads, 1 off User guide.

Problems?

In the unlikely event you have problems with the operation of the E-Stim Systems EBox™ Series 1, email info@e-stim.co.uk quoting the serial number and the problem you have encountered. There are no user serviceable parts inside and breaking of any seals will invalidate your guarantee. All units are guaranteed (parts and labour) against failure caused by manufacturing defects for a period of 12 months from date of purchase, but if you have problems out of this period please contact us.

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Certificate of Conformity

US Regulatory Wireless Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by E-Stim Systems Ltd may void the users authority to operate the equipment.

European Union Notice

Products bearing the CE marking comply with the R&TTE Directive (1995/5/EC), EMC Directive (89/336/EEC), and the Low voltage Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European norms (in parentheses are the equivalent international standards and regulations.)

EN 55022 (CISPR 22) – Electromagnetic Interference , EN 55024 (IEC61000-4-2,3,4,5,6,8,11) – Electromagnetic Immunity, and EN 60950 (IEC 60950) – Product Safety.

This device may be used in all European Union Countries.

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